

# DEMIL DISPATCH

BGAD Project

Volume 2  
Issue 1  
January 2006

## BGAD Hazardous Waste Permits Issued

By: Eric Ringo

The Kentucky Department for Environmental Protection, Division of Waste Management (DWM) issued two hazardous waste permits to Blue Grass Army Depot (BGAD) on Sept. 30, 2005.

The first permit was a modification to the existing BGAD Hazardous Waste Storage Permit. The modification adds 46 hazardous waste storage areas, or igloos, in the Chemical Limited Area

(CLA) to the two hazardous waste storage areas outside of the CLA. The 46 additional hazardous waste storage areas are permitted to hold chemical munitions and chemical related hazardous waste. This modification contains permit conditions specific to the new storage areas, and incorporates the permit application for a permit modification by reference.

The second permit was issued to BGAD and Bechtel Parsons Blue Grass (BPBG), the contractor for Kentucky's chemical demilitarization. The permit is a Research, Development, and Demonstration (RD&D) permit to build and demonstrate a facility to treat chemical munitions and chemical related hazardous waste.

The permit contains a comprehensive compliance schedule that requires BGAD and BPBG to submit documents to the Division on a schedule leading up to the receipt of hazardous waste at the facility. There are additional approvals required from the Division before receipt of hazardous waste.

This RD&D permit is much more rigorous than a typical RD&D permit. When all the

additional documents are submitted according to the compliance schedule, it will closely resemble a typical Hazardous Waste Treatment Storage and Disposal Facility (TSDF) permit.

The RD&D permit only allows for the treatment of the nerve agent GB. A standard TSDF permit will be required prior to the treatment of the nerve agent VX and blister agent H.



BGAD Project Team Geologist Tim Barrett was given a Christmas break in his Kentucky National Guard tour of duty in Afghanistan. After spending the majority of the break with his family in Winchester, Barrett made a visit to Frankfort. Barrett is pictured with Duke York of the Field Operations Branch.

## John Jump Promoted

By: Shannon Powers

BGAD Project Team Leader John Jump has been promoted to supervisor of the Permit Review Section of the Hazardous Waste Branch. The position has been open since April Webb was promoted to Hazardous

Waste Branch Manager in early August 2005.

Jump, a licensed professional engineer, has experience as a supervisor during his time working with the Division for Air Quality. For one and a half years, he  
*Continued on back page*

### TABLE OF CONTENTS

◆ Q & A on BGCAPP Haz Waste Permits . . . 2

◆ April Webb & John Jump Receive Certified Public Manager Status . . . . . 2

◆ BGCAPP Title V Permit is Finalized . . . 3

◆ Bill Holskey Takes a Turn at Geologist Duties . . . . . 3

◆ Afghanistan Book Drive for Soldiers a Huge Success . . . . . 3

# Q & A on the BGCAPP Hazardous Waste Permits

By: John Jump

## ***What is your role in the permitting process?***

The Kentucky Department for Environmental Protection, Division of Waste Management (DWM) reviews Resource Conservation and Recovery Act (RCRA) applications and issues or denies permits that help facilities to maintain compliance with applicable hazardous waste laws and regulations.

## ***What does your agency/organization do to ensure protection of human health and environment?***

DWM's mission is to protect human health and the environment by minimizing adverse impacts on all citizens of the commonwealth through the development and implementation of fair, equitable and effective waste management programs. This is accomplished through regulation development, permitting, inspection, compliance assistance, and enforcement.

## ***Explain how you worked with other organizations during the permitting process?***

DWM has had several meetings and exchanged correspondence with Blue Grass Army Depot (BGAD) and Bechtel Parsons Blue Grass (BPBG). DWM has attended Kentucky Chemical Destruction Community Advisory Board (CDCAB) and Kentucky Chemical Demilitarization Citizen's Advisory Commission (CAC) meetings and participated in CDCAB

working groups. DWM participated in a public information session hosted by the Program Manager Assembled Chemical Weapons Alternatives (PMACWA) and BPBG on July 26, 2005 at the Madison County Extension Center. DWM public noticed the Hazardous Waste Management Facility Permit Modification 1 and the Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) Research, Development, and Demonstration (RD&D) permits. DWM held a public hearing on Aug. 30, 2005 at Eastern Kentucky University's Perkins Building and sought public comment concerning the permits through Aug. 31, 2005.

## ***What were some of the challenges that you or your organization faced?***

The permitting of storage and treatment of hazardous waste involves technical challenges. In the case of the Hazardous Waste Management Facility Permit Modification 1 and the BGCAPP RD&D Permit, the challenge was to review and evaluate the associated hazardous waste applications and issue two permits in a timely manner so as to not hold up construction of the BGCAPP.

## ***What were some of the things that worked well (such as teamwork, collaboration, communication, public support, etc)?***

Meetings with BPBG and BGAD including work on a lengthy compliance schedule

for the BGCAPP RD&D Permit were fruitful.

## ***Why are the permits important to the public?***

These permits specify hazardous waste requirements that require a facility to maintain compliance and safely store, treat, and destroy chemical waste.

## ***What is the next step that your organization will take***

## ***to ensure the safe destruction of the weapons?***

DWM will continue to partner with other BGCAPP stakeholders, review permit applications as well as other related documents, and modify permits as necessary. The hazardous waste permits will require further submittals that will be reviewed by DWM. These could be approved or denied.



**Hazardous Waste Branch Manager April Webb and Permit Review Section Supervisor John Jump received Certified Public Manager Status.**

## **April Webb and John Jump Receive Certified Public Manager Status**

By: Shannon Powers

Hazardous Waste Branch Manager April Webb and BGAD Project Team Leader John Jump received Certified Program Manager (CPM) status in December. The CPM Program is a national program that helps participants become better managers. Some of the topics discussed are "Managing Relationships at Work," "Problems and

Decisions," "Managing Organizational Change," "Structured Behavioral Interviewing," and "Project Management."

Participants are required to take four years of classes and complete three projects plus a capstone--a real problem that a state agency has requested help in solving. A group of five students work

**Continued on back page**

# BGCAPP Title V Permit is Finalized

**By: Brian Ballard**

The Blue Grass Chemical Agent Destruction Pilot Plant (BGCAPP) Title V permit is now final. The proposed permit was issued to EPA on Oct. 6, 2005. The 45-day EPA comment period ended on Nov. 21, 2005. There were no adverse comments received by the

Kentucky Division for Air Quality (DAQ) from the Environmental Protection Agency.

The Division has issued this permit so that the permittee can move forward with the project and begin the early stages of construction for the demilitarization facility.

Due to the nature of BGCAPP, there are aspects of the design that are unknown at this time. As design changes occur that will affect descriptions and specifications in the permit, the permittee will submit application(s) to modify the permit. In the interest of providing the opportunity for public participation and community involvement in the review of these modifications, the Division will process these permit modifications as Significant Permit Revisions.

Significant Permit Revisions, as required by 401 KAR 52:020, §16(2), "shall follow the same procedures that are required for initial permits and permit renewals." This means that for Significant Permit Revisions, "the cabinet shall provide notice of the draft permit for public and affected state review as provided in 401 KAR 52:100," as specified in the "Cabinet Provisions and Procedures for Issuing Title V Permits," incorporated by reference in 401 KAR 52:020, §26.

## Bill Holskey Takes a Turn at Geologist Duties

**By: Shannon Powers**

During this portion of Tim Barrett's military tour of duty in Afghanistan, Bill Holskey will be assuming Barrett's responsibilities dealing with chemical demilitarization at the Blue Grass Army Depot (BGAD). Holskey's term as alternate BGAD Project Team geologist will end when another geologist is hired to

fill the space vacated by Nathan Bentley, who recently took a position with the Superfund Branch. Holskey will help to train the new alternate, who will then fill in for Barrett until he returns from his tour.

Holskey has many years of experience working in the private sector. He has been

**Continued on back page**

## Afghanistan Book Drive for Soldiers a Huge Success

**By: Shannon Powers**

The Division of Waste Management (DWM) sponsored a successful book drive during the month of November for the soldiers serving in Gardez, Afghanistan. Nine large boxes of books were shipped overseas in early December.

The idea for the book drive came after DWM sent several care packages this summer to Tim Barrett, the BGAD Project Team geologist who is in Gardez on Kentucky National Guard duty. Barrett sent emails expressing his thanks. He said he and his fellow soldiers had read nearly every book in the packages. With the coming of winter,

Barrett said that reading is a favorite pastime.

For Christmas in 2004, DWM donated items to Operation Christmas Package for Kentucky soldiers serving in the Middle East. This Christmas, the book drive provided a way for Division employees to help out their fellow Kentuckians overseas.

The books, ranging from westerns to classics to self-help to comedies to military histories to mysteries, are to be left in Gardez when this group of soldiers returns home. The next group sent to the area will have a rather large library waiting for them.



**Bill Holskey has accepted geology duties for the BGAD Project until a new geologist can be trained to fill in for Tim Barrett until he returns from Afghanistan.**



## Kentucky Department for Environmental Protection

### BGAD Project

14 Reilly Road, Building 6

Frankfort, KY 40601

PHONE: (502) 564-6716

WEB: [www.waste.ky.gov](http://www.waste.ky.gov)

EMAIL: [shannonl.powers@ky.gov](mailto:shannonl.powers@ky.gov)

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# Bill Holskey Takes a Turn

Continued from page 3

with the Hazardous Waste Branch's Corrective Action

Section for the past six years. His primary responsibilities within the branch are directed toward the Department of Defense facilities in the commonwealth, including BGAD and Naval Ordnance Station Louisville.

Act (RCRA) permit. The RCRA permit is the precursor for subsequent

permits required for the ultimate destruction of the on-site chemical stockpile.

## Certified Public

Continued from page 2

for five weeks to research the problem and come up with recommendations on a solution. After passing all the projects, individuals graduate from the program and receive the CPM status.

He has coordinated the cleanup of a majority of the identified contaminated sites at BGAD and is an integral part of the team that worked with the facility in obtaining a Hazardous Waste Resource Conservation and Recovery

## John Jump Promoted

Continued from page 1 was the supervisor of the Chemical Section in the Permit Review Branch.

was a teaching assistant and researched internal flaw detection in composite plates.

Jump is a graduate of the University of Kentucky where he earned his B.S. in materials engineering. During his time at UK, he

Until the team leader position is filled, Jump will still be acting in that capacity as well as his new role.